

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/000798

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01Q1/24 H01P1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01P H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 280 230 A (MATSUSHITA ELECTRIC IND CO LTD) 29 January 2003 (2003-01-29) paragraph '0040!; figure 2 paragraphs '0044!, '0049!, '0051!, '0053!, '0054! paragraphs '0062! - '0064!; figure 11	1-8
A	PATENT ABSTRACTS OF JAPAN vol. 0173, no. 87 (P-1576), 20 July 1993 (1993-07-20) & JP 5 066252 A (JEOL LTD), 19 March 1993 (1993-03-19) abstract	1-8
A	US 4 378 559 A (RITTENBACH OTTO E) 29 March 1983 (1983-03-29) column 2, line 8 - line 42; figures 1-3; table 1	1-8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

17 June 2004

Date of mailing of the international search report

30/06/2004

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EP 1280230	A	29-01-2003	EP	1280230 A1	29-01-2003
			US	6731920 B1	04-05-2004
			CN	1366723 T	28-08-2002
			WO	0176009 A1	11-10-2001
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JP 5066252	A	19-03-1993	NONE		
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